



PATENT
Docket No. 110.00680101

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): FIELDS et al.) Group Art Unit: 1642

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Serial No.: 09/529,691) Examiner: S. L. Rawlings

Confirmation No.: 3203)

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Filed: August 29, 2000)

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JUN 13 2002

For: INHIBITION OF TUMOR CELL ADHESION TYPE IV COLLAGEN

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(4)

AMENDMENT AND RESPONSE

Assistant Commissioner for Patents
Washington D.C. 20231

7/17/02

Dear Sir:

In response to the Office Action mailed January 2, 2002, please amend the above-identified application as follows:

In the Specification

Please replace the paragraph beginning at page 5, line 16, with the following rewritten paragraph. Per 37 C.F.R. §1.121, this paragraph is also show in Appendix A with notations to indicate the changes made.

Subs F1
E1
→ Figures 1A and 1B show the relative inhibition of M14#5 human melanoma cell adhesion to 10 µg/mL type IV collagen (TIV), fibronectin (FN), laminin (LM), or bovine serum albumin (BSA) by 100 µg/mL of L-IVH1, D-IVH1, or RI-IVH1 (a polypeptide having the sequence pro-ala-gly-pro-trp-gly-pro-asn-gly-lys-asp-gly-lys-val-gly (SEQ ID NO:3), which is the all-D form synthesized in the reverse order and referred to as "Retro-Inverso"). Cells were preincubated with the peptides for 15 minutes and then added to the wells in the presence of the peptides for a 30-minute incubation period at 37°C. The data represent the means of triplicate points plus or minus the standard errors of the means. Figures 1A and 1B represent different experiments run under the same conditions. →

Please replace the paragraph beginning at page 5, line 27, with the following